

Product Data Sheet

Product Name: Tricyclazole

Cat. No.: GC37827

Chemical Properties

Cas. No. 41814-78-2

SMILES CC1=C2N3C(SC2=CC=C1)=NN=C3

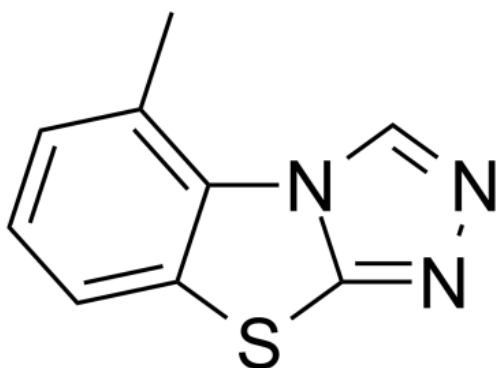
Formula C9H7N3S M.Wt 189.24

Solubility DMSO: 125 mg/mL (660.54 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Tricyclazole is a pentaketide-derived melanin biosynthesis inhibitor and a unique fungicide for control of *Pyricularia oryzae* on rice[1][2]. Pentaketide-derived melanin biosynthesis[1]

[1]. Peterson L.G. Tricyclazole for Control of *Pyricularia Oryzae* on Rice: the Relationship of the Mode of Action and Disease Occurrence and Development. Pest Management in Rice. Springer, Dordrecht. [2]. G.Lazarovits, et al. Tricyclazole induces melanin shunt products and inhibits altersolanol accumulation by *Alternaria solani*. Pesticide Biochemistry and Physiology

Caution: Product has not been fully validated for medical applications. For research use only.

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